



## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **MOTORIZED SYSTEM INTEGRATED CONTROL AND DIAGNOSTICS USING VIBRATION, PRESSURE, TEMPERATURE, SPEED, AND/OR CURRENT ANALYSIS** the specification of which:

[ ] is attached hereto

[X] was filed on May 25, 2001 as Application Serial No. 09/866,414 and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to Patentability in accordance with Title 37, Code of Federal Regulation, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

### Prior Foreign Application(s)

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(Application No.)

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(Country)

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(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this continuation-in-part) application:

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(Application Serial No.)

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(Filing Date)

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(Status-patented, pending, abandoned)

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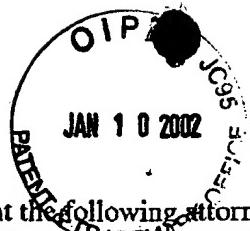
(Application Serial No.)

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(Filing Date)

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(Status-patented, pending, abandoned)



I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Himanshu S. Amin	Reg. No. 40,894	John Miller	Reg. No. 38,560
Gregory Turocy	Reg. No. 36,952	Scott Speroff	Reg. No. 37,450
William R. Walbrun	Reg. No. 37,464		
Alexander M. Gerasimow	Reg. No. 29,610		
James O'Shaughnessy	Reg. No. 27,667		

---

**Send Correspondence To:**

Allen-Bradley Company, Inc.  
Attention: Alexander M. Gerasimow  
Patent Dept./704P Floor 8 T-29  
1201 South Second Street  
Milwaukee, Wisconsin 53204

**Direct Telephone Calls To:**

Alexander M. Gerasimow  
(414) 382-3561

---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Fred Discenzo

Inventor's Signature: Fred Discenzo Date: 11/21/2001

Citizenship: USA

Residence: 8513 Timber Trail

Brecksville, Ohio 44141

Post Office Address: 8513 Timber Trail  
Brecksville, Ohio 44141

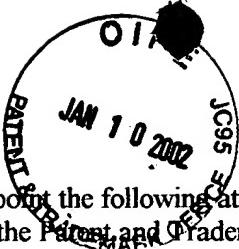
Full name of second inventor: Peter Unsworth

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: U. K.

Residence: 12, Winterbourne Mews, Lewes  
England, BN7 1HG

Post Office Address: 12, Winterbourne Mews, Lewes  
England, BN7 1 HG



I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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Gregory Turocy	Reg. No. 36,952	Scott Speroff	Reg. No. 37,450
William R. Walbrun	Reg. No. 37,464		
Alexander M. Gerasimow	Reg. No. 29,610		
James O'Shaughnessy	Reg. No. 27,667		

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Full name of first inventor: Fred Discenzo  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: USA  
Residence: 8513 Timber Trail  
Brecksville, Ohio 44141  
Post Office Address: 8513 Timber Trail  
Brecksville, Ohio 44141

Full name of second inventor: Peter Unsworth  
Inventor's Signature: Peter Unsworth Date: 12 Sept 2001  
Citizenship: U. K.  
Residence: 12, Winterbourne Mews, Lewes  
England, BN7 1HG  
Post Office Address: 12, Winterbourne Mews, Lewes  
England, BN7 1 HG

Full name of third inventor: Sarat Vetcha Babu  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_

O I P  
JAN 10 2002  
JC95

Full name of third inventor: Sarat Babu Vetcha  
Inventor's Signature: V. Sarat Babu Date: 29<sup>th</sup> August 2001  
Citizenship: INDIA  
Residence: Flat No. 303, Laxmi Enclave, Plot No. 28  
Vasavi Nagar, Karkhana, SECUNDERABAD, 500 015  
INDIA  
Post Office Address: Flat No. 303, Laxmi Enclave, Plot No. 28  
Vasavi Nagar, Karkhana, SECUNDERABAD, 500 015  
INDIA

Full name of fourth inventor: Kenneth A. Loparo  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: USA  
Residence: 12310 Caves Road  
Chesterland, Ohio 44026-2110  
Post Office Address: 12310 Caves Road  
Chesterland, Ohio 44026-2110

Full name of fifth inventor: Carl J. Dister  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: USA  
Residence: 4440 Silverdale Road  
North Olmsted, Ohio 44070  
Post Office Address: 4440 Silverdale Road  
North Olmsted, Ohio 44070

Full name of sixth inventor: Edward J. Tomkin  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: USA  
Residence: 415 Wyoga Lake Blvd.  
Cuyahoga Falls, Ohio 44224  
Post Office Address: 415 Wyoga Lake Blvd.  
Cuyahoga Falls, Ohio 44224

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH  
FORM A PART OF THIS DECLARATION

This declaration ends with this page



Full name of **third** inventor: Sarat Vetcha Babu  
Inventor's Signature: RAJENDRA KUMAR Date: \_\_\_\_\_  
Citizenship: INDIA  
Residence: Flat No. 303, Laxmi Enclave, Plot No. 28  
Vasavi Nagar, Karkhana, SECUNDERABAD, 500 015  
INDIA  
Post Office Address: Flat No. 303, Laxmi Enclave, Plot No. 28  
Vasavi Nagar, Karkhana, SECUNDERABAD, 500 015  
INDIA

Full name of **fourth** inventor: Kenneth A. Loparo  
Inventor's Signature: Kenneth A. Loparo Date: 8/25/01  
Citizenship: USA  
Residence: 12310 Caves Road  
Chesterland, Ohio 44026-2110  
Post Office Address: 12310 Caves Road  
Chesterland, Ohio 44026-2110

Full name of **fifth** inventor: Carl J. Dister  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: USA  
Residence: 4440 Silverdale Road  
North Olmsted, Ohio 44070  
Post Office Address: 4440 Silverdale Road  
North Olmsted, Ohio 44070

Full name of **sixth** inventor: Edward J. Tomkin  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: USA  
Residence: 415 Wyoga Lake Blvd.  
Cuyahoga Falls, Ohio 44224  
Post Office Address: 415 Wyoga Lake Blvd.  
Cuyahoga Falls, Ohio 44224

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O I P E  
JAN 10 2002

Full name of third inventor: Sarat Vetcha Babu  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: INDIA  
Residence: Flat No. 303, Laxmi Enclave, Plot No. 28  
Vasavi Nagar, Karkhana, SECUNDERABAD, 500 015  
INDIA  
Post Office Address: Flat No. 303, Laxmi Enclave, Plot No. 28  
Vasavi Nagar, Karkhana, SECUNDERABAD, 500 015  
INDIA

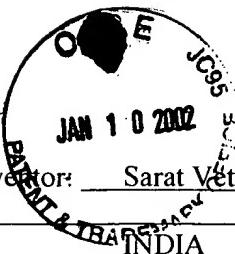
Full name of fourth inventor: Kenneth A. Loparo  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: USA  
Residence: 12310 Caves Road  
Chesterland, Ohio 44026-2110  
Post Office Address: 12310 Caves Road  
Chesterland, Ohio 44026-2110

Full name of fifth inventor: Carl J. Dister  
Inventor's Signature: Carl J. Dister Date: 11/16/01  
Citizenship: USA  
Residence: 4440 Silverdale Road  
North Olmsted, Ohio 44070  
Post Office Address: 4440 Silverdale Road  
North Olmsted, Ohio 44070

Full name of sixth inventor: Edward J. Tomkin  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Citizenship: USA  
Residence: 415 Wyoga Lake Blvd.  
Cuyahoga Falls, Ohio 44224  
Post Office Address: 415 Wyoga Lake Blvd.  
Cuyahoga Falls, Ohio 44224

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Full name of **third** inventor: Sarat Vetcha Babu

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: INDIA

Residence: Flat No. 303, Laxmi Enclave, Plot No. 28  
Vasavi Nagar, Karkhana, SECUNDERABAD, 500 015  
INDIA

Post Office Address: Flat No. 303, Laxmi Enclave, Plot No. 28  
Vasavi Nagar, Karkhana, SECUNDERABAD, 500 015  
INDIA

Full name of **fourth** inventor: Kenneth A. Loparo

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: USA

Residence: 12310 Caves Road  
Chesterland, Ohio 44026-2110

Post Office Address: 12310 Caves Road  
Chesterland, Ohio 44026-2110

Full name of **fifth** inventor: Carl J. Dister

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: USA

Residence: 4440 Silverdale Road  
North Olmsted, Ohio 44070

Post Office Address: 4440 Silverdale Road  
North Olmsted, Ohio 44070

Full name of **sixth** inventor: Edward J. Tomkin Tompkin

Inventor's Signature: Edward J. Tomkin Tompkin Date: 11/16/01

Citizenship: USA

Residence: 415 Wyoga Lake Blvd.  
Cuyahoga Falls, Ohio 44224

Post Office Address: 415 Wyoga Lake Blvd.  
Cuyahoga Falls, Ohio 44224

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH  
FORM A PART OF THIS DECLARATION

This declaration ends with this page

01AB121

ASSIGNMENT OF INVENTION  
To  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Fred Discenzo  
Fred Discenzo

November 21, 2001

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Fred Discenzo  
Name(s) of Signer(s)

I personally known to me - OR - I proved to me on  
the basis of satisfactory evidence to be the person  
whose name is subscribed to the within instrument  
and acknowledged to me that he executed the same  
in his authorized capacity, and that by his signature  
on the instrument the person, or the entity upon  
behalf of which the person acted, executed the  
instrument.

WITNESS my hand and official seal.

---

\_\_\_\_\_  
Signature of Notary Public

01AB121

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Peter Unsworth  
Peter Unsworth

September  
12 August 2001

CERTIFICATE OF ACKNOWLEDGMENT

State of LEWES in the \_\_\_\_\_

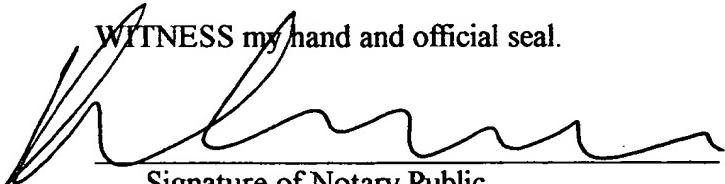
County of EAST SUSSEX, ENGLAND

On 12<sup>th</sup> September 2001 before me, KEVIN PETER ARDAH  
Name and Title of Officer (e.g., "Jane Doe, Notary  
Public")

personally appeared Peter Unsworth  
Name(s) of Signer(s)

~~I personally know to me OR I proved to me on~~  
the basis of satisfactory evidence to be the person  
whose name is subscribed to the within instrument  
and acknowledged to me that he executed the same  
in his authorized capacity, and that by his signature  
on the instrument the person, or the entity upon  
behalf of which the person acted, executed the  
instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public

01AB121

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

V. Sarat Babu  
Sarat Babu Vetcha

29<sup>th</sup> August 2001

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Sarat Babu Vetcha  
Name(s) of Signer(s)

I personally know to me - OR - I proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

01AB121

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed: Date:

Kenneth A. Loparo

Kenneth A. Loparo

8/25/01

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Kenneth A. Loparo  
Name(s) of Signer(s)

personally known to me - OR -  proved to me  
on the basis of satisfactory evidence to be the  
person whose name is subscribed to the within  
instrument and acknowledged to me that he  
executed the same in his authorized capacity, and  
that by his signature on the instrument the person,  
or the entity upon behalf of which the person acted,  
executed the instrument.

WITNESS my hand and official seal.

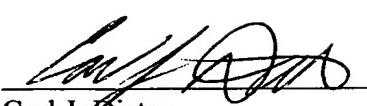
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Signature of Notary Public

01AB121

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

  
Carl J. Dister

Date:

11/16/01

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Carl J. Dister  
Name(s) of Signer(s)

personally known to me - OR -  proved to me  
on the basis of satisfactory evidence to be the  
person whose name is subscribed to the within  
instrument and acknowledged to me that he  
executed the same in his authorized capacity, and  
that by his signature on the instrument the person,  
or the entity upon behalf of which the person acted,  
executed the instrument.

WITNESS my hand and official seal.

---

\_\_\_\_\_  
Signature of Notary Public

01AB121

ASSIGNMENT OF INVENTION  
To  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed: Date:

Edward J. Tomkin Tompkin  
Edward J. Tomkin Tompkin

11/16/01

**CERTIFICATE OF ACKNOWLEDGMENT**

State of OHIO

County of PORTAGE

On 11/16/01 before me, THERESA J. SCOTT, NOTARY PUBLIC,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Edward J. Tomkin  
Name(s) of Signer(s)

personally known to me - OR -  proved to me  
on the basis of satisfactory evidence to be the  
person whose name is subscribed to the within  
instrument and acknowledged to me that he  
executed the same in his authorized capacity, and  
that by his signature on the instrument the person,  
or the entity upon behalf of which the person acted,  
executed the instrument.

WITNESS my hand and official seal.

Theresa J. Scott  
Signature of Notary Public

Theresa J. Scott  
Notary Public, State of Ohio  
My Commission Expires April 13, 2004  
Recorded in Geauga County